

GPM Planning Workshop Agenda

UMUC Inn and Conference Center, College Park, MD

Wednesday, May 16, 2001 - Plenary (Rooms 2101/2103/2105)

Opening Session

08:30 am	Orientation and Agenda	Mr. James Adams, NASA GSFC
08:40 am	Welcome and NASA's Interest in GPM	Dr. Mary Cleave, NASA HQ
08:55 am	NASDA's Earth Observation Program and GPM	Dr. Yoji Furuhashi, NASDA

Session on Objectives and Opportunities (Prof. Kenji Nakamura, session chair)

09:10 am	Prospects for Global Precipitation Observing System	Prof. Pierre Morel, UMBC
09:30 am	GPM's Heritage to TRMM	Prof. Joanne Simpson, NASA GSFC
09:40 am	Purpose of Meeting	Prof. Eric Smith, NASA GSFC

09:50 ***BREAK & POSTER SET-UP***

GPM Partnerships: Session 1 (Prof. Christian Kummerow, session chair)

10:15 am	NASA Planning for GPM	Dr. Ramesh Kakar, NASA HQ
10:30 am	NASDA Planning for GPM	Drs. Riko Oki and Nobuhiro Takahashi, and Mr. Kazuo Ohta, NASDA
10:45 am	ESA's Programs for TRMM and GPM	Dr. Pedro Baptista, ESA/ESTEC
11:00 am	NOAA's Provisional Interest/Role in GPM	Drs. Ralph Ferraro and Marie Colton, NOAA
11:10 am	NRL's Provisional Interest/Role in GPM	Dr. Joe Turk and Mr. Jeffrey Hawkins, NRL/Monterey
11:20 am	Synergy of ? Moisture and Precipitation Measurements	Dr. Thomas Jackson, USDA
11:30 am	NPOESS/IPO's Planned Contribution to GPM	Dr. Stanley Schneider and Major Markus Sorrells, NPOESS/IPO

12:00 noon ***COMPLIMENTARY LUNCH and POSTER SET-UP*** (Mount Clare Café)

GPM Partnerships: Session 2 (Dr. Tetsuo Nakazawa, session chair)

01:00 pm	Australia/BMRC's Provisional Interest/Role in GPM	Dr. Michael Manton, BMRC
01:15 pm	Brazil's Provisional Interest/Role in GPM	Dr. Roberto Calheiros and Prof. Carlos Nobre, INPE
01:30 pm	Canada's Provisional Interest/Role in GPM	Drs. Ron Stewart and Barry Goodison, Environment Canada
01:45 pm	France's Provisional Interest/Role in GPM	Prof. Jacques Testud and Dr. Michel Desbois, U-Versailles & LMD
02:00 pm	India's Provisional Interest/Role in GPM	Dr. A.K.S. Gopalan, ISRO
02:15 pm	Germany's Provisional Interest/Role in GPM	Dr. Ralf Bennartz, Free University of Berlin
02:30 pm	Italy's Provisional Interest/Role in GPM	Dr. Alberto Mugnai and Prof. Franco Prodi, CNR and U-Ferrara
02:45 pm	South Korea/KMA's Provisional Interest/Role in GPM	Dr. Hyo-Sang Chung, KMA
03:00 pm	Spain/Catalonia's Provisional Interest/Role in GPM	Dr. Eyal Amatai on behalf of Profs. Maria Carmen Llasat and Daniel Sempre-Torres
03:15 pm	United Kingdom's Provisional Interest/Role in GPM	Drs. Christopher Kidd and John Goddard, U-Birm. And Chilbolton Lab
03:30 pm	<i>BREAK and POSTER VIEWING</i> (Posters available for viewing in Rooms 2109, 2117, 2129 and main hallway)	

GPM Partnerships: Session 3 (Dr. Robert Adler, session chair)

04:00 pm	NASA/GSFC's Planned Contribution to GPM	Drs. Arthur Hou and Franco Einaudi, NASA GSFC
04:15 pm	CRL's Planned Contribution to GPM	Drs. Harunobu Masuko and Toshio Iguchi, CRL
04:30 pm	Outlook from ECMWF	Drs. Peter Bauer and Jean-Francois Mahfouf, ECMWF
04:45 pm	NASA/MSFC's Planned Contribution to GPM	Dr. Franklin Robertson and Mr. Michael Goodman, MSFC
05:00 pm	NASA/JPL's Planned Contribution to GPM	Drs. Eastwood Im and Ziad Haddad, NASA JPL
05:15 pm	Adjourn Plenary for Day 1	
06:00 pm	Dinner - Chesapeake Room Introductions: Mr. A. V. Diaz, NASA GSFC Speakers: Drs. Yoji Furuhashi, NASDA and Ghassem Asrar, NASA HQ	

Thursday, May 17, 2001 - Plenary (Rooms 2101/2103/2105)

Session on GPM Concept (Prof. Thomas Wilheit, session chair)

08:30 am	GPM Mission Conceptual Overview	Mr. James Adams, NASA GSFC
08:50 am	GPM Data Management Concept	Mr. Erich Stocker, NASA GSFC
09:00 am	US Perspective on GPM Science Program	Profs. Christian Kummerow and Eric Smith, CSU and NASA GSFC
09:30 am	Japan Perspective on GPM Science Program	Drs. Harunobu Masuko, Toshio Iguchi, and. Tetsuo Nakazawa, and Mr. Yoshihiko Tahara, U-Nagoya, CRL, JMA/MRI, and JMA/NPD
10:15 am	<i>BREAK and POSTER VIEWING</i> (Posters available for viewing in Rooms 2109, 2117, 2129 and main hallway)	

Session on Research Opportunities in Hydrology and GWEC Science (Prof. Charles Vorosmarty, session chair)

10:45 am	Understanding Global Water Resources	Prof. Kenji Nakamura, U-Nagoya
11:00 am	Flood Hazards in Mediterranean Basin	Prof. Franco Siccaldi, U-Genova/CIMA
11:15 am	Modeling Hydrological Variability	Prof. Efi Foufoula-Georgiou, U-Minn
11:30 am	Global HydroNet	Prof. Charles Vorosmarty, UNH
11:45 am	Role of Rain Retrievals in Super-Ensemble Prediction	Prof. Tiruvalum Krishnamurti, FSU
12:00 noon	Contribution of GPM to US Water Cycle Plan	Prof. Dennis Lettenmaier, U-Washington
12:15 pm	Climate Change and Natural Hazards	Dr. Anver Ghazi, European Comm./Biodiversity and Global Change Unit
12:30 pm	<i>COMPLIMENTARY LUNCH</i> (Mount Clare Café)	
2:00 pm	Geosynchronous Microwave Sounder Imager	Dr. Albin Gasiewski, NOAA ETL
2:10 pm	NCAR's Provisional Interest/Role in GPM	Drs. Andrew Heymsfeld, Jeffrey Stith and Mitch Moncrieff, NSF/NCAR

Breakout Groups (Rooms 2101/2103/2105, 2109, and 2117)

02:20 pm	Charge to Breakout Groups (3)	Prof. Eric Smith
Working Group 1: Room 2109 (Engineering Issues)		Mr. James Adams and Dr. Toshio Iguchi, Co-Chairs
Working Group 2: Room 2117 (Retrieval and CalVal Requirements)		Profs. Christian Kummerow & Kenji Nakamura, Co-Chrs
Working Group 3: Rooms 2101/2103/2105 (Interdisciplinary Sci. Requirements)		Drs. Alberto Mugnai and Tetsuo Nakazawa, Co-Chairs
03:30 pm	<i>BREAK and POSTER VIEWING</i> (Posters available for viewing in Rooms 2109, 2117, 2129 and main hallway)	
04:00 pm	Re-Convene Three (3) Breakout Groups	
05:00 pm	Adjourn Day 2	

Friday, May 18, 2001 - Plenary (Rooms 2101/2103/2105)

Partnership and Science Progress and Breakout Group Reports (Prof. Graeme Stephens, session chair)

08:30 am	Can GPM Enhance Cloud-Radiation Research?	Prof. Graeme Stephens, CSU
08:50 am	Can GPM Advance Our Understanding of Global Water Cycle? <i>A Critical Examination</i>	Prof. Rafael Bras, MIT
09:10 am	Report on Partnership Progress	Prof. Eric Smith, NASA GSFC
09:30 am	Report from Breakout Group 1 (Engineering Issues)	Mr. James Adams, NASA GSFC
09:50 am	Report from Breakout Group 2 (Retrieval and CalVal Requirements)	Prof. Chris Kummerow, CSU
10:10 am	Report from Breakout Group 3 (Interdisciplinary Science Requirements)	Dr. Tetsuo Nakazawa, JMA/MRI
10:30 am	<i>BREAK and POSTER VIEWING</i> (Posters available for viewing in Rooms 2109, 2117, 2129 and main hallway)	

Concluding Session (Prof. Eric Smith, session chair)

11:00 am	Concluding Discussion and Action Items	All Participants
12:00 noon	<i>ADJOURN WORKSHOP and POSTER BREAKDOWN</i>	
12:15 pm	<i>COMPLIMENTARY LUNCH</i> (Mount Clare Café)	